

REMARKS

Claims 1-18 are pending. By this Amendment, claims 1-18, the specification, and Fig. 19 are amended. Claims 1-18, the specification, and Fig. 19 are amended for clarity. Support for the amendment to claim 1 can be found in the specification, for example, at paragraph [0008]. Support for the amendment to claim 7 can be found in the specification, for example, at paragraph [0010]. Support for the amendment to claim 16 can be found in the specification, for example, at paragraph [0014]. No new matter is added.

The Office Action objects to the specification and Fig. 19 for various informalities. By this Amendment, the specification and Fig. 19 are amended responsive to the objections. Applicants thus respectfully request withdrawal of the objections.

Claim 17 is objected to for informalities. By this Amendment, claim 17 is amended as suggested by the Office Action. Applicants thus respectfully request withdrawal of the objection.

The Office Action rejects claims 1, 2 and 16 under 35 U.S.C. §102(e) as being anticipated by Suehiro (U.S. Patent No 7,222,464). The rejection is respectfully traversed.

Suehiro does not teach every claimed feature of independent claims 1 and 16. Suehiro does not teach "a composite anchor wherein the connecting part extends radially from the first anchor bolt to and past the second anchor bolt, the second anchor bolt being located in a radial center of the connecting part," as recited in independent claim 1; and "a method of installing a composite anchor bolt wherein the connecting part extends radially from the first anchor bolt to and past the second anchor bolt," as recited in independent claim 16.

Suehiro merely relates to a first anchor bolt, where a coupling member (5) is attached to a second anchor bolt (7). (*See* Fig. 12 of Suehiro). However, as illustrated in Fig. 12 of Suehiro, the coupling member (5) only extends to the edge of the bolt (7), and does not

extend past this edge. Therefore, Suehiro does not teach the features of independent claims 1 and 16, where the connecting part extends past the edge of the second anchor bolt.

Therefore, for at least these reasons, Applicants respectfully submit that independent claims 1 and 16 are patentable over Suehiro. Claim 2 depends from independent claim 1. Therefore, claim 2 is also patentable over Suehiro for at least its dependency on independent claim 1, as well as for the additional features it recites. Applicants thus respectfully request withdrawal of the rejection.

Claims 7- 9 and 13 are rejected under 35 U.S.C. §102(b) as being anticipated by JP 59-188892 ("JP 892"). The rejection is respectfully traversed.

JP 892 does not teach and would not have rendered obvious "a composite anchor wherein the center of the connecting part and the axis of the second anchor bolt are coaxial, and where the first anchor bolt is positioned toward a radial edge of the connecting part," as recited in independent claim 7 (emphasis added).

The Office Action asserts that Fig. 1 of JP 892 teaches the anchor bolt configuration of independent claim 7 (see Office Action, page 5). However, JP 892 merely relates to an anchor bolt configuration where the bolt located inside the concrete matrix is eccentric with regard to the center of the alleged "connecting part" (see Fig. 1 of JP 892). Therefore, JP 892 does not teach a configuration where the second anchor bolt and center of the connecting part are coaxial, as recited in independent claim 7.

Therefore, for at least these reasons, Applicants respectfully submit that independent claim 7 is patentable over JP 892. Claims 8, 9 and 13 depend from independent claim 7. Therefore, claims 8, 9, and 13 are also patentable over JP 892 for at least their dependency on independent claim 7, as well as for the additional features they recite. Applicants thus respectfully request withdrawal of the rejection.

Claim 3 is rejected under 35 U.S.C. §103(a) as being unpatentable over Suehiro in view of JP 892; claim 4 is rejected under 35 U.S.C. §103(a) as being unpatentable over Suehiro in view of Kubler et al. (U.S. Patent No 6,604,899); and claims 5 and 6 are rejected under 35 U.S.C. §103(a) as being unpatentable over Suehiro. The rejection is respectfully traversed.

Claims 3-6 depend from independent claim 1. Therefore, claims 3-6 are also patentable over the above-applied references for at least their dependency on independent claim 1, as well as for the additional features they recite. Applicants thus respectfully request withdrawal of the rejections.

Claims 10, 11, 14, 15, 17 and 18 are rejected under 35 U.S.C. §103(a) as being unpatentable over JP 892. The rejection is respectfully traversed.

JP 892 does not teach and would not have rendered obvious every claimed feature of independent claim 14. JP 892 does not teach "A composite anchor bolt, wherein the connecting part and second anchor bolt are formed together in a T-shape configuration, and the first anchor bolt is placed at the end side of the connecting part," as recited in independent claim 14.

The Office Action acknowledges that JP 892 does not teach the above feature, but asserts that "rearranging parts of an invention involves only routine skill in the art," citing *In re Japikse* (see Office Action, page 9). However, in *Japikse*, the arbitrary rearrangement of the parts of the invention did not alter the functionality thereof (see MPEP §2144.04(VI)(C), describing the *Japikse* decision as "Claims to a hydraulic power press which read on the prior art except with regard to the position of the starting switch were held unpatentable because shifting the position of the starting switch would not have modified the operation of the device" (emphasis added)). Further, "The mere fact that a worker in the art could rearrange the parts of the reference device to meet the terms of the claims on appeal is not by itself

sufficient to support a finding of obviousness. The prior art must provide a motivation or reason for the worker in the art, without the benefit of appellant's specification, to make the necessary changes in the reference device.” (see MPEP §2144.04(VI)(C), citing *Ex parte Chicago Rawhide Mfg. Co.*, 223 USPQ 351, 353 (Bd. Pat. App. & Inter. 1984).

Altering the configuration of the invention disclosed in the present application would change the functionality of the claimed device. In particular, in the disclosed invention, the placement of the second internal anchor bolt in the middle of the connecting part reduces the bending moment of this internal bolt when load is placed on the first external anchor bolt. JP 892 does not disclose such a configuration, nor does JP 892 provide any suggestion for one of ordinary skill to have modified the device disclosed therein to achieve the claimed configuration. Therefore, JP 892 does not teach the features of independent claim 14.

Therefore, for at least these reasons, Applicants respectfully submit that independent claim 14 is patentable over JP 892. Claims 10, 11, 15, 17, and 18 variously depend from independent claims 7, 14, and 16. Therefore, claims 10, 11, 15, 17, and 18 are also patentable over JP 892 for at least their dependency on independent claims 7, 14, and 16, as well as for the additional features they recite. Applicants thus respectfully request withdrawal of the rejection.

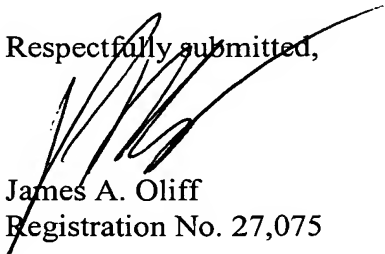
Claim 12 is rejected under 35 U.S.C. §103(a) as being unpatentable over JP 892 in view of Kubler et al. (U.S. Patent No 6,604,899). The rejection is respectfully traversed.

Claim 12 depends from independent claim 7. Therefore, claim 12 is also patentable over JP 892 in view of Kubler for at least its dependency on independent claim 7, as well as for the additional features it recites. Applicants thus respectfully request withdrawal of the rejection.

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,


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JAO:EXH/scg

Attachment:
Replacement Sheet (Figure 19)

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